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SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
06/178,107	08/14/80	NILSSEN	6

MC CALEB, LUCAS & BRUGMAN  
230 WEST MONROE ST., STE. 2040  
CHICAGO, IL 60606

EXAMINER	
BEHA, I	
ART UNIT	PAPER NUMBER
212	5

DATE MAILED: 08/09/81  
AUG 1981

This is a communication from the examiner in charge of your application.

COMMISSIONER OF PATENTS AND TRADEMARKS

☒ This application has been examined. ☐ Responsive to communication filed on \_\_\_\_\_ ☐ This action is made final.

A shortened statutory period for response to this action is set to expire 3 month(s), \_\_\_\_\_ days from the date of this letter.  
Failure to respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133

Part I THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:

1. ☒ Notice of References Cited by Examiner, PTO-892 2. ☐ Notice of Informal Patent Drawing, PTO-948  
3. ☐ Notice of References Cited by Applicant, PTO-1449 4. ☐ Notice of Informal Patent Application, Form PTO-152

Part II SUMMARY OF ACTION

1. ☒ Claims 1-10, 14-20, 22, 23, 32 & 50-53 are pending in the application.  
Of the above, claims \_\_\_\_\_ are withdrawn from consideration.
2. ☒ Claims 11-13, 21, 24-31, & 33-49 have been cancelled.
3. ☐ Claims \_\_\_\_\_ are allowed.
4. ☒ Claims as in para 1 above are rejected.
5. ☐ Claims \_\_\_\_\_ are objected to.
6. ☐ Claims \_\_\_\_\_ are subject to restriction or election requirement.
7. ☐ The formal drawings filed on \_\_\_\_\_ are acceptable.
8. ☐ The drawing correction request filed on \_\_\_\_\_ has been ☐ approved. ☐ disapproved.
9. ☐ Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has  
☐ been received. ☐ not been received. ☐ been filed in parent application, serial no. \_\_\_\_\_  
filed on \_\_\_\_\_.
10. ☐ Since this application appears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.
11. ☐ Other

## PART III

SERIAL  
NUMBER 178107GROUP ART UNIT  
212

## NOTIFICATION OF REJECTION(S) AND/OR OBJECTION(S) (35 USC 132)

	CLAIMS (1)	REASONS FOR REJECTION (2)	REFERENCES * (3)	INFORMATION IDENTIFICATION AND COMMENTS (4)
1	1-10, 14-20 22, 23, 32	35 USC 112 PARA 2	—	CLAIMS ARE INCOMPLETE — CLAIMS RECITE AN ASSEMB- LY OF PARTS WITHOUT THE NECESSARY INTERCONNECTIONS TO DEFINE "AN INVERTER CIRCUIT" PARTICULARLY UNINFORMATIVE OF ANY CONNECTION ARE RECITATIONS SUCH AS A "CIRCUIT HAVING AT LEAST A PAIR OF ALTERNATELY CONDUCTING TRANSISTORS" (CLAIM 1, LINES 1 & 2), & "IN CIRCUIT WITH" (CLAIM 1, LINES 2 & 6; CLAIM 10, LINE 2; CLAIM 14, LINES 2 & 6 ETC), ALSO UNINFORMATIVE ARE THE GENERAL LACK OF INPUT & OUTPUT MEANS FOR THE INVERTER CIRCUITS,
2	1, 9, 10 14, 17, 18, 20 22, 23, 32	35 USC 102	A	"SERIES CONNECTED COMBINATION OF INDUCTOR AND A CAPACITOR," WITHOUT MORE RECITATION OF OTHER INTERCONNECTIONS, "LEADS ON" REF. A, FIG. 1, L1 & C3.
3	51	35 USC 102	A	CLEARLY ANTICIPATED BY FIG. 1
4	52 50, 51 + 53	35 USC 102	<sup>WAB</sup> <del>N</del>	<sup>WAB</sup> CLEARLY ANTICIPATED BY FIG. 8 SEE REF. N, FIG. 9, CAPACITOR C
5	1-3+5	35 USC 102	C	FIG. 2, LC CIRCUIT IS TRANSF. 2 + CAP 18.
5A	50+53	35 USC 102	M	SEE REF. M, SATURATING TRANSF. 1

\* Capital letters representing references are identified on accompanying Form PTO-892  
The symbol "v" between letters represents - in view of -  
The symbol "+" or "&" between letters represents - and -  
A slash "/" between letters represents the alternative - or -.

NOTE: Sections 100, 101, 102, 103, and 112 of the Patent Statute  
(Title 35 of the United States Code) are reproduced on the  
back of this sheet.

EXAMINER

TEL. NO.  
(703) — 557

see next page

## PART III

SERIAL  
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178 107

GROUP ART UNIT

212

## NOTIFICATION OF REJECTION(S) AND/OR OBJECTION(S) (35 USC 132)

	CLAIMS (1)	REASONS FOR REJECTION (2)	REFERENCES * (3)	INFORMATION IDENTIFICATION AND COMMENTS (4)
1				
2				
3				
4				

6. APPLICANT'S ELECTION OF THE INVENTION OF GROUP I IS ACKNOWLEDGED.

7. USSR '185 SHOWS CAPACITORS 8 & 9 IN THE OSCILLATOR'S TURN-OFF CIRCUIT. USSR '803 SHOWS THE STATE OF THE ART. REF. D SHOWS ZENER DIODES Z1-Z4 USED AS REVERSE BIAS MEANS.

8. A MORE DESCRIPTIVE TITLE IS REQUIRED

\* Capital letters representing references are identified on accompanying Form PTO-892

The symbol "v" between letters represents - in view of -.

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NOTE: Sections 100, 101, 102, 103, and 112 of the Patent Statute (Title 35 of the United States Code) are reproduced on the back of this sheet.

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TEL. NO.

(703) - 557

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WILLIAM H. BEHA, JR.

EXAMINER

GROUP ART UNIT 212